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AUG 02 2004

U.S. PATENT & TRADEMARK OFFICE

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 3

Application Number	10/056,316
Filing Date	01/22/2002
First Named Inventor	Duboust, et al.
Group Art Unit	1745
Examiner Name	Parsons, Thomas H.
Attorney Docket Number	6339/CMP/CMP/RKK
Submission Date	

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-			
	A2	US-			
	A3	US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
THP	B1	EP- 0 325 753	8/2/1989	IBM Corp.		
THP	B2	EP-0 455 455	06/11/1991	AT&T Corp.		
THP	B3	JP-2870537	1/8/1999	NEC CORP/NIPPOON ELEC CO.		X
THP	B4	JP-10-16213	1/20/1998	NEC Corp.		X
THP	B5	JP-11-042554	2/16/1999	NEC Corp.		X
THP	B6	JP-2000-218513	8/8/2000	NEC Corp.		X
THP	B7	JP-2001-244223	9/7/2001	Hitachi Chem Co. Ltd		X
THP	B8	JP-2001-77117	3/23/2001	Sony Corp.		X
THP	B9	WO-2000-03426	1/20/2000	ACM Research, Inc.		
THP	B10	WO-2000-26443	5/11/2000	Nutool, Inc.		
THP	B11	WO-2000-33356	6/8/2000	ACM Research, Inc.		
THP	B12	WO-2000-59682	10/12/2000	Nutool, Inc.		
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THP	B16	WO-2001-63018	8/30/2001	Nu Tool, Inc.		
THP	B17	WO-2001-71066	9/27/2001	Nu Tool, Inc.		
THP	B18	WO-2001-88229	11/22/2001	ACM Research, Inc.		
THP	B19	WO-2001-88954	11/22/2001	Nu Tool, Inc.		
THP	B20	WO-2002-064314	8/22/2002	Speedfam-IPEC Corp.		

Examiner

Thomas H. Parsons

Date Considered

8/18/2004

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<p>Substitute for form 1449A/PTO</p> <p><b>AUG 02 2004</b></p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(Use as many sheets as necessary)</p>		Application Number	10/056,316
		Filing Date	01/22/2002
		First Named Inventor	Duboust, et al.
		Group Art Unit	1745
		Examiner Name	Parsons, Thomas H.
		Attorney Docket Number	6339/CMP/CMP/RKK
Sheet 2	of 3	Submission Date	

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THP	B21	WO-2002-23616	3/21/2002	ACM Research Inc.		
THP	B22	WO-1998-49723	11/5/1998	3M Company		
THP	B23	WO-1999-41434	8/19/1999	ACM Research, Inc.		
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Examiner Thomas H. Parsons Date Considered 8/28/2004

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Sheet

3

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Application Number

10/056,316

Filing Date

01/22/2002

**First Named Inventor**

Duboust, et al.

Group Art Unit

1745

**Examiner Name**

Parsons, Thomas H.

Attorney Docket Number

6339/CMP/CMP/RKK

Submission Date

## NON PATENT LITERATURE DOCUMENTS

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**Examiner**

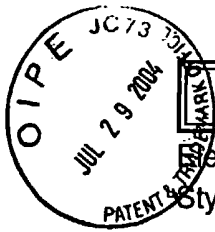
Thomas H. Parsons

**Date Considered**

8/18/2004

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# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

## Title of Invention

## ENDPOINT DETECTION FOR ELECTRO CHEMICAL MECHANICAL POLISHING AND ELECTROPOLISHING PROCESSES

Application Number: 10/056316  
Confirmation Number: 2878  
First Named Applicant: Alain Duboust  
Attorney Docket Number: 6339/CMP/CMP  
Art Unit: 1745  
Examiner: Thomas Parsons  
Search string:

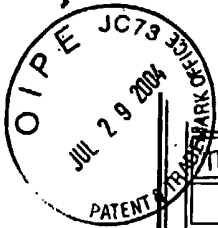


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or 5931719 or 5938801 or 6001008 or 6004880  
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or 20020119286 or 20020130049 or  
20030114087 or 20030116445 or 20030116446  
or 20030213703 or 20030016446 or  
20020119286 or 20020130049 or 20030116445  
or 20030213703 or 20030114087 ).pn.

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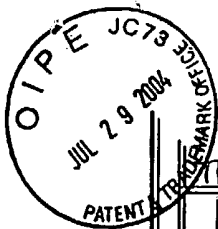
Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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THP	2	3448023	1969-06-03	Bell		204	209



THP	3	3873512	1975-03-25	Latanision
	4	4125444	1978-11-14	Inoue
	5	4713149	1987-12-15	Hoshino
	6	4839993	1989-06-20	Masuko et al.
	7	4954141	1990-09-04	Takiyama et al.
	8	4956056	1990-09-11	Zubatova et al.
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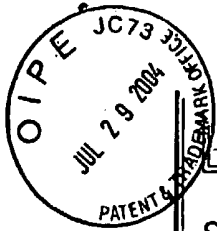


THP	39	6386956	2002-05-14	Sato et al.	451/57
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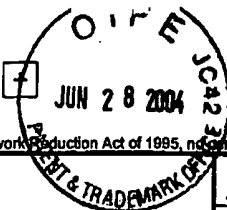
Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
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	3	20010035354	2001-11-01	Ashjaee et al.			
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	18	20020119286	2002-08-29	Chen et al.			
	19	20020130049	2002-09-19	Chen et al.			
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THP	22	20030114087	2003-06-19	Duboust et al.	
Signature					
Examiner Name			Date		
Thomas H. Parsons			8/17/2004		

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TNP	A1	US-6,248,222 B1	06-19-2001	Wang 204/297.09	
	A2	US-6,391,166 B1	05-21-2002	Wang 204/224R	
	A3	US-6,395,152 B2	05-28-2002	Wang 204/224M	
	A4	US-6,440,295 B1	08-27-2002	Wang 205/640	
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	A6	US-6,638,863 B2	10-28-2003	Wang et al. 438/690	
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TNP	B1	WO 99/53119	10-21-1999	ACM Research Inc.		
TNP	B2	WO 02/23616	03-21-2002	ACM Research, Inc.		
	B3					
	B4					
	B5					

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		Number-Kind Code <sup>2</sup> (if known)			
THP	A1	US-2002/0025760 A1	02/28/2002	LEE, ET AL.	
THP	A2	US-2001/0036746 A1	11/01/2001	SATO, ET AL.	
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## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
THP	B1	PCT International Search Report for PCT/US03/29230 dated February 3, 2004 (AMAT/6874.PC).	

Examiner

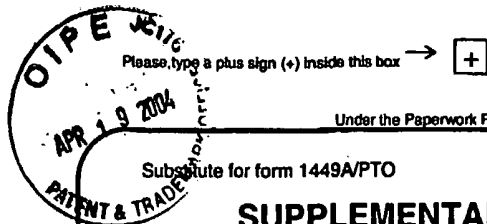
Thomas H. Parsons

Date Considered

8/17/2004

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First Named Inventor

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Examiner Name

UNKNOWN Thomas Parsons

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April 14, 2004

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
X	A1	US-			
	A2	US-			
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THP	B1	PCT Written Opinion for PCT/US03/01760 dated March 8, 2004 (AMAT/6339.PC).	

Examiner

Thomas H. Parsons

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